

Title (en)
USER EQUIPMENT AND BASE STATION INVOLVED IN TRANSMISSION OF UPLINK CONTROL DATA

Title (de)
BENUTZERGERÄT UND BASISSTATION MIT ÜBERTRAGUNG VON UPLINK-STEUERDATEN

Title (fr)
ÉQUIPEMENT UTILISATEUR ET STATION DE BASE IMPLIQUÉS DANS LA TRANSMISSION DE DONNÉES DE COMMANDE DE LIAISON MONTANTE

Publication
EP 3629662 A1 20200401 (EN)

Application
EP 18197352 A 20180927

Priority
EP 18197352 A 20180927

Abstract (en)
The present disclosure relates to a user equipment (UE) which receives, from a base station via an unlicensed radio cell, uplink configuration information to configure at least one set of radio resources of the unlicensed radio cell available for transmitting uplink control information, the radio resource set being associated with a UE group ID indicating a UE group to which the UE is associated. The UE receives, from the base station, downlink control information, DCI, indicating a UE group ID. The UE, when determining that the associated UE group ID is the same as the UE group ID indicated by the DCI, determines scheduling request radio resources within the at least one set of uplink control information radio resources based on the received downlink control information. The UE transmits a scheduling request to the base station using the determined scheduling request radio resources.

IPC 8 full level
H04W 74/08 (2009.01); **H04W 52/02** (2009.01)

CPC (source: EP US)
H04W 52/0216 (2013.01 - EP); **H04W 72/121** (2013.01 - US); **H04W 72/20** (2023.01 - US); **H04W 74/0808** (2013.01 - EP); **H04W 76/28** (2018.02 - EP); **Y02D 30/70** (2020.08 - EP)

Citation (search report)

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- [X] EP 3319384 A1 20180509 - PANASONIC IP CORP AMERICA [US]
- [A] VIVO: "Discussion on physical layer channel design in NR unlicensed spectrum", vol. RAN WG1, no. Sanya, China; 20180416 - 20180420, 15 April 2018 (2018-04-15), XP051426151, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Meetings%5F3GPP%5FSYNC/RAN1/Docs/> [retrieved on 20180415]

Cited by
US11582077B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3629662 A1 20200401; CN 112335323 A 20210205; CN 112335323 B 20240604; EP 3858071 A1 20210804; JP 2022501856 A 20220106; JP 7423597 B2 20240129; US 11737093 B2 20230822; US 2021068135 A1 20210304; WO 2020064311 A1 20200402

DOCDB simple family (application)
EP 18197352 A 20180927; CN 201980040466 A 20190909; EP 19762825 A 20190909; EP 2019073975 W 20190909; JP 2021504278 A 20190909; US 202017096196 A 20201112